

PENDING CLAIMS

Please amend the claims as follows:

1. (Cancelled)

2. (Previously Presented) An apparatus for transmitting spread spectrum data, comprising:

a modulation means for receiving data and for modulating the received data in accordance with a spread spectrum modulation format;

a scrambling means for scrambling a subset of information bits in the modulated data; and

an upconversion means for receiving the modulated data and for upconverting the modulated data for transmission at a random frequency determined in accordance with a selection signal, wherein the selection signal is determined in accordance with the scrambled subset of information bits.

3-4. (Cancelled)

5. (Previously Presented) An apparatus for transmitting spread spectrum data, comprising:

a modulation means for receiving data and for modulating the received data in accordance with a code channel selection signal;

a scrambling means for scrambling a subset of information bits of the modulated data; and

an upconversion means for receiving the modulated data and for upconverting the modulated data for transmission at a frequency determined in accordance with a selection signal,

wherein the code channel selection signal is determined in accordance with the scrambled subset of information bits.

6-11. (Cancelled)

12. (Previously Presented) An apparatus for transmitting spread spectrum data, comprising:

a scrambling means for scrambling a first subset of information bits and a second subset of information bits from received data;

a modulation means for modulating the received data in accordance with a code channel selection signal that is determined in accordance with the scrambled first subset of information bits; and

an upconversion means for receiving the modulated data and for upconverting the modulated data for transmission at a frequency determined in accordance with a selection signal that is determined in accordance with the scrambled second subset of information bits.

13. (Previously Presented) A method for transmitting data, comprising:
modulating the data;
scrambling a subset of information bits of the modulated data;
selecting a carrier frequency in accordance with the modulated, scrambled subset of information bits; and
upconverting the modulated data using the selected carrier frequency.

14. (Previously Presented) A method of transmitting data, comprising:
scrambling a subset of information bits of the data;
modulating the data in accordance with a code channel selection signal that is determined in accordance with the scrambled subset of information bits; and
upconverting the modulated data using a selected carrier frequency.

15. (Previously Presented) A computer readable medium embodying a method for transmitting data, the method comprising:

- modulating the data;
- scrambling a subset of information bits of the modulated data;
- selecting a carrier frequency in accordance with the modulated, scrambled subset of information bits; and
- upconverting the modulated data using the selected carrier frequency.

16. (Previously Presented) A computer readable medium embodying a method for transmitting data, the method comprising:

- scrambling a subset of information bits of the data;
- determining a code channel selection signal in accordance with the scrambled subset of information bits;
- modulating the data in accordance with the determined code channel selection signal; and
- upconverting the modulated data using a selected carrier frequency.

17. (Previously Presented) An apparatus for transmitting spread spectrum data, comprising:

- a modulator to modulate spread spectrum data having a subset of information bits;
- a scrambler to receive a modulated subset of information bits from the modulator and to scramble the modulated subset of information bits to generate scrambled modulated subset of information bits; and
- at least one upconverter to receive the scrambled subset of information bits and to output a carrier frequency that changes in accordance with a predetermined pattern, wherein the predetermined pattern is determined based on the scrambled modulated subset of information bits.

18. (Previously Presented) An apparatus for transmitting spread spectrum data, comprising:

- a scrambler to scramble a subset of information bits of spread spectrum data to generate scrambled sub set of information bits;

a control processor to receive the scrambled subset of information bits and to output a code channel selection signal that is determined in accordance with the scrambled subset of information bits; and

a modulator to modulate the spread spectrum data in accordance with the code channel selection signal

19. (Previously Presented) A method for transmitting data, comprising:

modulating the data;

scrambling a subset of information bits of the modulated data;

upconverting a carrier frequency that changes in accordance with a predetermined pattern, wherein the predetermined pattern is determined by the scrambled modulated subset of information bits.

20. (New) A transmitter, comprising:

means for scrambling a subset of information bits of data to generate scrambled subset of information bits;

means for receiving the scrambled subset of information bits and outputting a selection signal that is determined in accordance with the scrambled subset of information bits; and

means for modulating the data in accordance with the selection signal.